

THE TECH

Vol. XXVIII. No. 17

BOSTON, MASS., FRIDAY, NOVEMBER 6, 1908

PRICE THREE CENTS.

FIELD DAY LOOKS LIKE HARD FIGHT

Close Contest Predicted for
Annual Class Event
This Afternoon

OUTCOME UNCERTAIN

Football Game Will Probably Be
The Deciding Contest
1911 Relay Strong

By D. C. McM.

Four magnificent contests will be fought out this afternoon on Technology Field, and the result of none of them can be predicted with any degree of certainty. The eighth annual Field Day at the Institute promises to be one of the closest in the history of the event.

Both the two lower classes which meet in the three inter-Technology events have given their teams splendid support during the season. Nothing has been left to be desired in this regard. In no instance has a team fallen down conspicuously and in every department of the class athletics, contests of the first order may be expected.

The other event of the day will be the cross-country race with Harvard which is the fifth annual contest.

1911 and 1912 will clash in the football game, the relay race and tug-of-war, named in the order of their importance as regards score. In many of the past Field Days the football game has been the deciding issue, one class taking the track event and the other the pull. It has generally been the upper class that has established its supremacy in the relay race and the freshmen that have turned out the best tug-of-war team.

From all indications it would seem that the same conditions would prevail. The sophomores have a decided advantage in the relay race on account of having several of the varsity sprint men to depend on and by reason of their previous experience which counts for a good deal in the event. The freshmen have done considerable to overcome this advantage, notably by practicing the flag between relays. This is a point that has been generally neglected in the past by the teams of the entering class because it never came up for consideration until the time of the race.

In the tug-of-war it is difficult to predict which class will be the victor. Both sides have been working hard, and at best the event is a good deal of a lottery, in spite of the fact that everything possible has been done to eliminate the element of chance this year. The innovation which has been put into effect with this end in view has been the increasing of the number of pulls from one to three. Instead of the single five-minute pull, three three-minute pulls have been substituted. The pulling is to be the same as before except that each team is to be allowed a coach on the field to count for them. This is a novel idea, and it will be very interesting to see how the experiment works out. Also a new and experimental idea is that the sophomores are to have the large men in front.

The star event of the day then will be the football game and on its outcome will most probably depend the result of the contest between the classes. The rivalry that exists will be most keenly felt in this contest.

Little can be said about the chances of the two teams except that the sophomores are the popular favorites. This, however, is no more than natural and too much weight should not be attached to it. The sophomores have the advantage of weight and the freshmen seem to have superior speed. In accuracy of play both teams are very even. As far as comparative scores are concerned both teams are also on the same footing, both having rolled up the same score against the Lowell Textile School team, 18-0.

The sophomores will in all probab-

1911 FOOTBALL 1912

Smith	145	l.e.	r.e.	Torrey	144
Adams	176	l.t.	r.t.	Barnes	173
Kimball	205	l.g.	r.g.	Kebbon	170
Hall	154	center		Hooper	186
Hutchins	185	r.g.	l.g.	Robertson	182
VanTassell, Cap.	178	r.t.	l.t.	Whittlesey	165
Williams	148	r.e.	l.e.	Riddell	151
Schatz	133	q.b.		Eicher, Capt.	138
Odell	154	l.h.	r.h.	Clark	172
Metcalf	190	r.h.	l.h.	Raymond	167
O'Neill	185	full		Beale	172

168½

AVERAGES

165½

ity confine themselves to fairly straight and steady football, while the freshmen will, without doubt, spring some plays decidedly open in character. This outlines in the main the difference in style that has distinguished the two teams during the season.

One thing is fairly certain, however, and that is that neither side will try any risky plays until it gets behind and is forced to take chances. Extreme caution and a continued use of line plays are sure to be in evidence during the first stages of the struggle.

The order of events will be: first pull tug-of-war, first half football game, relay race and second pull tug-of-war, second half football game. The finish of the Tech-Harvard cross-country race will probably come some time during the second half, when the game will be stopped until the race is over. After the second half of the football game a third pull will take place if necessary to decide the tug-of-war.

Football

The football game will undoubtedly be one of the closest contests on record. Both teams are in prime condition. Notwithstanding the loss of two of their best men, Morey and Bakewell, who were injured in a scrimmage two weeks ago, the sophomores will enter the contest with a team which will tax the ability of the freshman eleven to the highest degree. The 1911 ends, which were weak at the beginning of the season, have, by hard work and constant application, developed into fast players, and the punting by Metcalf, the star University of California man has been wonderfully improved. In the Somerville High game Metcalf missed a goal from placement from the Somerville 45-yard line by the narrow margin of eight inches, demonstrating the fact that one of the weaknesses of the team shown in the Waltham game had been overcome. The offense played by the sophomores is a better game than their defence, due largely to their full back, F. M. O'Neill. O'Neill has played in all the games this season, was on the team last year, and is unanimously selected as the star of the team. L. Odell, manager of the team last year, will play at half. He puts up a strenuous game, playing as if his life depended upon it. Schatz, the fast 1911 quarter, will play the same position he held last year. Another good man for the position has been developed, who will probably get into the game in the second half.

The freshman team is composed of excellent material. Five men measure six feet or more, Hooper, Kebbon, Robinson, Whittlesey and Beale. The first four play in the line, while Beale plays at full and is an old hand at the game.

Captain Eicher, the little quarter, has shown his merits in all the games played by the team this season. He is one of the best players on the team, and makes the team jump around in lively fashion. Torrey and Riddell, who are holding down the end positions, are very fast and play the game well.

Relay Race

In relay work the sophomores reported for practice in large numbers at the beginning of the season. These numbers increased almost every day un-

til the preliminary trials two weeks ago. The work was hard and consistent up to this time and at these trials the squad was reduced from 25 to 16 men.

Many of the candidates were entered in the Fall handicap meet. In the 100-yard dash N. N. Prentiss, W. J. Seligman, and P. D. White each won preliminary heats, and J. L. McAllen and R. H. Gould qualified in the heat for second men. In the finals, to the surprise of the spectators, P. D. White, the half-miler and cross-country man, broke the tape first in the time of 103.5 seconds, with a 4-yard handicap. W. J. Seligman, scratch, and N. N. Prentiss, 51.2 yards, finished third and fourth respectively. W. C. Salisbury did not run.

W. J. Seligman and D. R. Stevens each won their heats in the 220-yard dash, and N. N. Prentiss won the heat for second men. The finals resulted in a win for P. Hart 1910, who had a handicap of 13 yards over Seligman. The latter finished in third place, a few feet behind the freshman, Oettinger, who also had 13 yards. Prentiss did not win in the finals.

The final trials for the team held on Friday and Monday last resulted in the choice of the twelve fastest men and two substitutes. Of the twelve men on the team W. C. Salisbury, W. J. Seligman, P. D. White, N. N. Prentiss, R. H. Gould, F. C. Dolce and J. L. McAllen are veterans of last year's team, which ran a close second to the record 1910 team. The other men, H. L. Robinson, R. O. Wood, S. A. Bigelow, and G. A. Hodge, proved fast enough to displace C. P. Kerr and D. R. Stevens who ran last year, as did C. R. Johnson, the first substitute. C. P. Kerr placed as second substitute.

The freshmen did not answer to the call for candidates well at the first of the season, but interest has increased since then and good times were made at the preliminary trials.

Of the men to make the team Capt. W. C. Read was two years captain of the Manchester (N. H.) High School team, running the dashes. Manager H. S. Benson was a distance man on the Syracuse 1911 track team last year. I. S. Grant comes from M. A. H. S., and two years ago won the interscholastic hurdles at the B. A. A. L. B. Walker was a crack Quincy High 100-yard man and has a time of 103.5 seconds to his credit. L. Thompson comes from Lowell High; he placed third in the 600 at the B. A. A. last year and won the thousand in all the Lowell High dual meets. H. A. Robinson ran on the Powder Point relay and C. L. Tuller was a track man for two years at English High. Of the others, N. G. Herreschoff, has done very consistent work and is considered one of the fastest men. M. A. Oettinger did creditable work at M. A. H. S., and proved his worth in the Fall handicap meet.

In the 100-yard dash in this meet Oettinger was the only man to score for 1912. He won his heat in 103.5 seconds and placed third in the finals with a seven-yard handicap. In the 220 again Oettinger was the only freshman point winner, winning his heat in 232.5 seconds and placing second to Hart in the final heat. Reed and Shepard each took second in their heats,

(Continued on page 3.)

TECH-HARVARD RUN TO DECIDE SERIES

Winner of Today's Race Will
Receive Cup for Five
Year Victory

CRIMSON STARS FAST

Tech Runners Have Advantage
in Familiarity With
Tricky Course

Harvard and Technology will have the closest cross-country race today that has ever been held over the 41.4-mile course from Highland station to the Field. Each team has won two races so today's event will decide the winner of the series and the holder of the cup.

Tech has the advantage of long practice over this unusually severe course. At the very start the men must run up a steep hill which rises 100 feet in 1000. This hill has proved the undoing of one or more men in every race. The next two miles is a long succession of up and down grades, fences, stone walls, brooks and other obstacles. At the well known pig pens the course follows the road for a short distance. "Larz Anderson's hill" is the next and most difficult obstacle in the whole race. A man who can get to the top of this hill without falling over a pipe running across the summit, 15 inches off the ground is considered to be in good shape. The race is usually lost or won at this point as the rest of the course is down grade and the relative positions of the men do not change materially from there to the Field, a distance of about 11.2 miles.

The Harvard men, perhaps Jacques in particular, excel in track work and their past performances give hopes that the stiff cross-country running will favor the Tech men, who will therefore win only by making the most of the first half of the course. Minot, who has run the mile in 4:26, and Crosby, who has done the 2-mile in 9:50, have both been badly beaten over this course.

Harvard's trials were held last Saturday over a new course laid out at Chestnut Hill where the Yale-Harvard cross-country race will be held Nov. 12. Jacques and Whitney led the field by a large lead and this fact gives Tech hopes of scoring several men close behind these two.

The race between Jacques and Howland will almost certainly result in the establishment of a new record. The present mark of 24 minutes and 19 seconds was made by Howland in 1906. McCarthy and Mills should give Whitney a good fight for third place. The Tech team as a whole is far better than last year's team, but the Harvard men have no doubt made a big improvement also and expect to turn out the strongest team they have ever had. A study of the times made by the Harvard men shows a consistent improvement. Four years ago the first Harvard man ran the course in 25:40, the next year in 25:15. In 1906 their time was 25 minutes, while last year Crosby won the race in 24:44. This year the Harvard men will probably come within a few seconds of the record.

The Harvard team will be the following men:—H. Jacques 1911, M. H. Whitney 1909, R. E. Dole 1910, Capt., P. C. Heald 1911, E. Parson 1911, H. V. Mastern 1910, G. Murphy 1910, C. D. Burrage 1911, W. P. Rogers 1911, and Harding 1911.

The Tech team chosen last Thursday is as follows:—H. H. Howland 1908, L. O. Mills 1910, W. T. MacCreadie 1911,

(Continued on page 2.)

CALENDAR

FRIDAY, NOVEMBER 6.

2:15 P. M.—Field Day contests begin at the Field.

8:00 P. M.—Tech Night at the Colonial Theatre.

THE TECH

Published every Monday, Wednesday, and Friday during the college year by students of the Massachusetts Institute of Technology.

Entered as second-class matter October 6, 1904, at the post office at Boston, Mass., under the Act of Congress of March 3, 1879.

Editorial Staff.

H. I. PEARL 1910 Editor-in-Chief
D. CLAPP 1910 Managing Editor
W. D. GREEN 1909
R. H. RANGER 1911

Associate Editors

J. N. STEPHENSON 1909 D. R. STEVENS 1911
G. C. KENNEY 1911 L. G. GLAZIER 1911
W. H. HILDEBRAND 1911

News Staff.

W. O. WHITNEY 1911 H. M. DAVIS 1911
H. L. ROBINSON 1911

Business Staff.

R. S. BICKNELL 1910 Business Manager
G. B. FORRISTALL 1911 Asst. Business Manager
M. W. HOPKINS 1911 Asst. Business Manager
A. W. YEREAUX 1911

All communications regarding advertisements should be addressed to the Business Manager. Regarding subscriptions address the Circulation Manager.

Subscriptions within the Boston Postal District and outside of United States must be accompanied by postage.

Subscription - \$1.50 per year in advance.
Single Copies 3 Cents.

Printed by Old Colony Press, Boston.

Friday, November 6, 1908.

The Tech announces a special Field Day issue containing full accounts of the games, to be on sale on Saturday morning. There will be no issue on the Monday following; the regular tickets will be accepted for the Field Day issue.

Fourteen marshals have been appointed from the senior and junior classes. Owing to the fact that there will be no police, these men will have, besides their regular duties, those generally assigned to the police in keeping the field cleared. As the maintenance of order rests upon these marshals, the students are earnestly requested to cooperate with them, and remain in their assigned sections during the contest.

FIELD DAY LOOKS

(Continued from page 1.)

sidered the race should be stoutly contested, with indications slightly favoring 1911.

The sophomore team is:-

W. J. Seligman, H. L. Robinson, R. O. Wood, J. A. Bigelow, F. C. Dolke, I. F. Morrison, R. H. Gould, J. L. McAllen, N. N. Prentiss, Capt. W. C. Salisbury, P. D. White, G. A. Hodge.

The substitutes are C. R. Johnson and C. B. Kerr.

The freshman team is as follows:-

V. W. Allen, Harvey S. Benson, manager, J. S. Grant, N. G. Herreschoff, A. H. Means, E. Mangan, M. A. Oettinger, Capt. W. C. Reed, J. I. Taylor, L. B. Walker, J. Thompson, F. J. Shepard, Jr. The substitutes are H. A. Robinson and C. L. Tuller.

Tug-of-War

Both tug-of-war teams have been practicing regularly and each expects to win. The freshmen have a strong team, and the men are in excellent condition for a long pull. The sophomores have the benefit of more experience, but are not nearly as heavy as their opponents.

The sophomore tug-of-war team is as follows:-Captain, S. B. Copeland, manager, B. Lawrence, anchor, W. C. Wilson, I. C. Creighton, T. H. Haines, G. B. Wilkes, K. Barr, C. L. Offenstien, A. M. Coleman, F. Russell, T. B. Parker, H. G. Jenks, J. B. Pierce, C. Anderson, K. Faunce, H. F. Dolliver, J. F. Duffy, E. A. Nash, M. Coffin, A. H. S. Kaufman, M. A. Grossman, S. H. Cornell, H. E. Babbith, W. H. Coburn, Comstock, and substitute C. H. Estes.

H. M. Davis is to coach and count for the team on the field.

The freshman team is as follows:- Captain, C. A. Duyser, manager, M. G. Woodward, W. O. Blaisdell, A. W. Laurie, J. S. Martin, K. E. McKenney, G. S. Sawyer, H. L. Woehling, F. H. Busby, A. G. Herreschoff, R. T. Gallagher, G. W. Richards, A. T. Bemis, S. H. Seelye, I. S. Selfridge, S. W. Selfridge, M. C. Cherry, A. P. Horner, J. W. Farwell, Jr., V. Guillon, L. B. Duke, H. Merrill, F. E. Starr, M. J. Kimbal, H. W. Hale, J. L. Barry 3rd.; substitutes, R. M. Lowe and V. G. Sloan.

TECH-HARVARD RUN

(Continued from page 1.)

E. Jacobs 1910, J. N. Stephenson 1909, C. P. Eldred 1911, R. Ellis 1909, Capt., J. F. McCarthy 1909, J. D. MacKenzie 1911, and C. L. Batchelder 1909. The feature of the team is the number of seniors on it, no less than five making the team. All of these men and MacCreadie were on the team that went to Princeton last year. The first seven men to finish for Technology today will form the team to run at Princeton in the intercollegiate cross-country race 21. In today's race the first six men to finish on each side will score and the team with the smallest score will win.

Cross Country Marshals

The marshals appointed for the cross-country race are R. I. Hulsizer 1909, V. V. Ballard 1912, E. E. Ferry 1912.

VOTE TO KEEP PEACE

Sophomores Decide that no Class Flags Shall Fly at Field

About 60 sophomores were present at the 1911 class meeting held in Huntington Hall Wednesday noon. The object of the meeting was to make final arrangements for Field Day.

The meeting was called to order by President W. C. Salisbury. He spoke to the class briefly, reminding them of the vote to abolish all the "night before" rough-house. He spoke of this particularly, he said, because he had heard of several schemes of raising 1911 flags the morning of Field Day.

At this point W. J. Seligman suggested that 1911 establish a custom of flying both sophomore and freshman flags over the grandstand on Field Day. A lengthy discussion followed. D. R. Stephens suggested that, as a matter of courtesy, the upper class flag be placed above the lower class flag. N. N. Prentiss and W. W. Warner spoke against the plan. Treasurer S. B. Copeland suggested placing one flag at each end of the field and then for the rush after the events have each class form under its own flag. Finally, upon the motion of Mr. Prentiss, it was voted that nothing be done in regard to raising class flags this year.

With President Salisbury as cheer leader the fellows then practiced class yells, old and new.

In behalf of the theatre committee S. B. Copeland then spoke to the class. He said that arrangements had been made with the theatre management that no confetti be thrown either during the action of the piece or between the acts. Also only in stated places may serpentine be thrown, as for instance during the stage door scene and the dock scene. Under no consideration shall they be thrown during Mlle. Genee's dancing.

P. D. White called the attention of the class to the fact that many of the members of the freshman class who are practicing for Field Day are wearing various prep-school insignia. This, he said, was contrary to the custom at Tech and he hoped that some action would be taken by the proper authorities.

After rehearsing the yells once more the meeting adjourned.

MANHOOD AND LOYALTY

Essential to Success—Burton, Rand Litchfield all make Same Point at Senior Dinner

"Responsibility to yourselves and to the Institute," was the keynote of the speaking at the 1909 class dinner last night. Dean Burton, Isaac W. Litchfield 1885, and Bursar Rand were the speakers, and they all united in telling the seniors of the importance of their work and their influence on later classes.

M. R. Scharff, as toastmaster, introduced Dean Burton, who opened his talk by saying that 1909 was unique in many ways. The seniors had worked under two presidents and there was a chance of a third. They entered just after the greatest alumni reunion that had ever been held and at their graduation would participate in one that is expected to set a new record.

Whether 1909 is or is not responsible for the development in Technology life, he continued, its character has already determined many details of the movement. It is a significant fact that the plan to let the new Union be run entirely by the students was passed by the Faculty, the Alumni Association and the Corporation without a single dissenting voice. Incidentally the Dean congratulated the class on running through a successful torchlight parade. In closing he said that the Union alone would stand as a greater memorial than has ever been left by any previous class.

Mr. Litchfield was the next speaker. He outlined the plans of the alumni committee for the reunion next June, and said that as the graduating class 1909 would surely play an active part in the festivities. He then said that it was the duty of the class to back up the Institute Committee in their work; they are doing things and with proper support will make Technology an object for the attention of the other colleges. He laid particular stress on the necessity of getting the right kind of men into the Institute, pleading that his hearers let the Alumni Association or the Dean know about every possible desirable student.

Bursar Rand gave the last formal speech of the evening. After recalling the good record of 1909 in the past he drove home some strong points on the duties of the men in the future. He pleaded with his hearers to do their best work all through the year in order to be sure of the priceless degrees; and to do it afterwards so as to get the best out of life. He emphasized the need of character and personality for true success in life, and said that training alone without these other elements was worthless. Graduation from the Institute is a great advantage, he said, but not half the battle. Acquaintance with successful men and creation of good impressions are invaluable. The world at large must not be neglected, or real success will be impossible.

PENNSYLVANIANS MEET

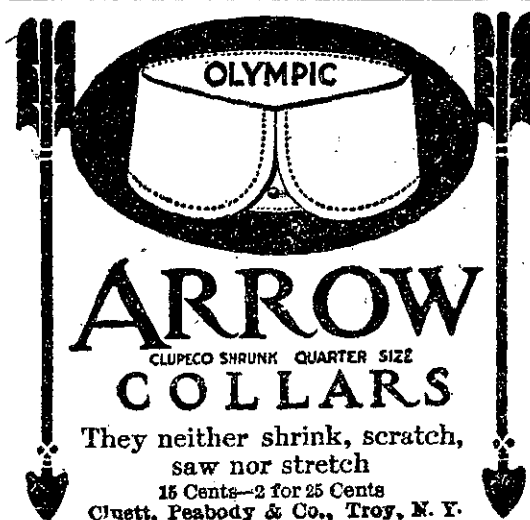
The Pennsylvania club held its first dinner of the year at the Union Wednesday evening to celebrate Taft's overwhelming plurality of 300,000 in Pennsylvania. The same enthusiasm prevailed at the dinner as was shown at the Pennsylvania polls, and plans were made for activities for the coming year, including a dance, a theatre party, and dinners. The number of new men present gives a bright outlook for the future of the club.

The 1911 substitutes on the football team are: Fitzherbert, Hopkins, Evans, Adams, Brownlee and Scoville. The 1912 substitutes are: Mayr, Shuttleworth, Walsh, Ward, Fuller.

GLOVES

Ask for the best and see how quick they'll bring you

FOWNES



SMULLEN & CO.

51 SUMMER ST.

Tailors

SPECIAL INDUCEMENTS TO TECH STUDENTS

College Clothes

Many new and exclusive styles for young men, hand tailored by the best craftsmen.

A. SHUMAN & CO.
BOSTON

Miss M. F. Fisk THE RED GLOVE SHOP

322 BOYLSTON STREET
Opposite Arlington St.

Has a full line of Men's Gloves from \$1.50 to \$2.00; and would be pleased to have the trade of the boys of Tech.

MORSE & HENDERSON

Tailors

18 BOYLSTON STREET

Rooms 14-15

Telephone Oxford 99 BOSTON

SPECIAL DISCOUNT TO TECH MEN

GEO. H. ELLIS CO

Printers

No. 272 CONGRESS STREET
BOSTON, MASS.

Phone, 1549

HIGGINS'



Drawing-Inks
Eternal Writing-Ink
Engrossing-Ink
Taurine Mucilage
Photo-Mount
Drawing-Board Paste
Liquid Paste
Office Paste
Vegetable Glue, Etc.

Are the Finest and Best Inks and Adhesives. Emancipate yourself from the use of corrosive and ill smelling inks and adhesives and adopt the Higgins Inks and Adhesives. They will bear revelation to you, they are so sweet, clean, and well put up.

At Dealers Generally.

CHAS. M. HIGGINS & CO., Mfrs
Branches: Chicago, London
271 Ninth Street, Brooklyn, N.Y.

Prof. F. Galvin

Florist

124 Tremont Street
Boylston and Fairfield Streets

"THE GIRLS ARE FOND OF THESE"



Tech Emblems

Greatest Variety
Lowest Prices

BENT & BUSH

15 SCHOOL ST. BOSTON, MASS.

STONE & WEBSTER

CHARLES A. STONE, '88
RUSSELL ROBB, '88

EDWIN S. WEBSTER, '88
HENRY G. BRADLEE, '91

147 MILK STREET, BOSTON, MASSACHUSETTS

ASK ANY COLLEGE MAN
ABOUT

COES & YOUNG'S SHOES

20 SCHOOL STREET, - BOSTON

Where are you going?



To buy a pair of shoes at

E. W. BURT & CO.
40 WEST STREET

Knickerbocker Shoes are worn by
all Tech men. They make College
Shoes.

Atwell & Co.
24 Winter
Jewellers
and
Importers
of
Novelties

M. J. HANNIGAN

formerly of Hotel Lenox has leased
The Tech Barber Shop, Hotel
Westminster. Special attention
paid to students.

"ALL WORK AND NO PLAY MAKES JACK A DULL BOY"

"TECH BOWLING HEADQUARTERS"

TRINITY COURT BOWLING ALLEYS

Established 1898 175 Dartmouth Street Opp. Pierce Bldg.

Two minutes walk from all Tech Buildings. Unexcelled facilities for ladies and the most
fastidious bowler to enjoy this fascinating and healthy pastime. Alleys reserved and
screened for private parties. Come in and enjoy a little fun and exercise between periods.

COAST CHART WORK

Instructor Williams Speaks on
Government Survey and
Map System

A. R. Cullimore 1907, instructor in
surveying, gave an interesting talk on
hydrographic surveying to the Civil
Engineering Society in 11 B, yesterday
afternoon. Mr. Cullimore's talk was
especially valuable for those men who
did not know definitely what branch of
work they were going to take up after
graduating. He described in detail the
making of the coast charts used in
navigation and the planning of engi-
neering structures built on the coast
and banks of rivers and lakes.

The surveying party usually consists
of about eighteen men, including in-
strument men, plane table men, rodmen,
etc. The salary of the man in charge
is from \$150 to \$200 a month. Trian-
gular stations are set up on shore
by means of which points in the river
or harbor are located. Soundings are
taken and plotted with a description of
the bottom. The method of keeping the
field book, making the plots, and the
practical details of triangulation and
sounding were all taken up by Mr. Cul-
limore.

There was a brief business meeting
preceding the lecture. H. I. Pearl 1910,
resigned from the program committee
because of the point system and W. C.
Arnell 1910, was elected.

The following, who were proposed for
membership at the last meeting, were
elected:—From 1909, C. H. Crawford;
from 1910, L. G. Rice, A. B. Mason, C.
N. White, H. P. Armstrong, J. C. Diehl,
H. S. Dornberger, H. Schriber, C. N.
Coppinger, R. A. Smead, M. A. Navar-
ro, A. H. Sava, R. W. Horne, R. J.
Boltz, M. A. Cadmus, Jr., G. James, R.
H. Stauer, B. Z. Beall, H. H. Cum-
mings, A. Allen, L. W. Greely; from
1911, J. Hausman, A. W. Yearance, B.

Hill, B. Wheelwright, S. P. Finch, W.
J. Simonds, H. L. Manley, B. Lawrence,
E. A. Nash, G. L. Mylechrest, H. L.
Robinson, and Maglott.

The following were proposed for
membership:—J. Lodge, special, T. J.
Hickerson, H. S. Osborne 1908, and H.
M. Davis 1911.

FRESHMEN AGREE

To Keep Away from Night Before
by Formal Class Vote

At the meeting of the freshman class
held yesterday noon various phases of
Field Day were discussed. The presi-
dent, H. D. Kemp, recommended that
all freshmen keep away from the Field
before the opening of the sports in the
afternoon. He said that the 1911 men
had voted not to have any rush the
night before Field Day and that he
thought that the only right thing to
do under these circumstances was for
the freshmen to stay away from the
Field the night before.

It has been arranged for M. C. Wood-
ward, the cheer leader, to have a seat
in the front row at the theatre tonight
so that the freshmen are sure to hold
up their end when it comes to making
a noise.

At a meeting of the executive com-
mittee it was voted to have several
flags at the theatre. It was also voted
that all the necessary expenses of the
different teams should be paid by the
class.

CONVERSATIONAL TALKS IN
GERMAN—The topic of Dr. Schu-
macher's talk, next Monday, November
9, will be the German Government (im-
perial, state, and municipal).

The Doctor intends, in a talk at an
early date, to speak about the German
technical schools, showing catalogs and
pictures of these institutions which he
has received from Germany.

VISIT

THE NEW STORE

222 CLARENDON ST.

BUILT ESPECIALLY FOR YOU

Drafting Instruments, Papers,
Tracing Cloth, Triangles, T Squares,
Slide Rules, Pencils, Etc., Paints,
Varnishes, Hardware

AT LOWEST PRICES

ALSO AT

82 and 84 Washington Street

CATALOGUES FREE

Wadsworth, Howland & Co.
INCORPORATED

SOFT HATS



IN
NEW
GREEN
TONES

\$2.00 & \$3.00

CHAMBERLAIN HATS BEACONSFIELDS \$3.00 REVELATIONS \$2.00

637 Washington St., corner Boylston St.

W. M. ROWAN

"THE TECH BARBER"

will be located in the new Chauncey
Hall Building, about October 20.

The Technology Review

A QUARTERLY MAGAZINE

DEVOTED TO THE INTERESTS OF
THE MASSACHUSETTS INSTITUTE
OF TECHNOLOGY

AND

PUBLISHED BY THE ASSOCIATION
OF CLASS SECRETARIES

83 NEWBURY STREET, BOSTON

The Review aims to develop closer relations
among Institute men and to stimulate their in-
terest in the work of the College. It is in no
sense an engineering magazine, but deals
broadly with the problems of Technological
Education and the responsibilities of the pro-
fessional man.

THE REVIEW is published during Janu-
ary, April, July, and October. Communi-
cations should be addressed to The TECH-
NOLOGY REVIEW, 83 Newbury St., Boston.

SUBSCRIPTION, ONE DOLLAR A YEAR
SINGLE COPIES, THIRTY-FIVE CENTS

Volumes I., III., IV., V., VI., VII., VIII., and
IX., finely bound in half morocco, are ready for
delivery at \$2.25 each, or will be exchanged
for unbound sets, provided they are in good
condition at \$1.25 each. (If sent by mail, 30
cents extra.)

THE LATEST AND BEST **A. W. FABER**

"CASTELL"

Drawing Pencils

Made of the purest graphite in 16 degrees
of hardness, 6B to 8H, of the utmost
delicacy of tone, perma-
nency, durability and
intensity of
color.

They take
the finest point
obtainable of any lead
pencil, are least liable to wear,
therefore more lasting than any others.

Sold by all stationers and dealers in artists' materials. Sample sent
to all parties interested on receipt of 10 cents in postage stamps.

A. W. FABER, 51 Dickerson Street, Newark, New Jersey

HALL & C HANCOCK

Hats and Furs

THE STANDARD OF STYLE AND EXCELLENCE
420 WASHINGTON ST.

GENTLEMEN
WHO DRESS FOR STYLE
NEATNESS, AND COMFORT
WEAR THE IMPROVED

BOSTON GARTER

THE RECOGNIZED STANDARD
The Name is
stamped on every
loop—

The *Velvet Grip*
CUSHION
BUTTON
CLASP

LIES FLAT TO THE LEG—NEVER
SLIPS, TEARS NOR UNFASTENS

Sample pair, \$1.50. Cotton 25c.
Mailed on receipt of price.

GEO. FROST CO., Makers
Boston, Mass., U.S.A.

ALWAYS EASY

BUSINESS DIRECTORY

American Trust Co., Bankers.
 Ledder & Probst, Instruments.
 Wadsworth, Howland & Co., Student Supplies
 A. G. Spalding & Bros., Athletic Goods.
 Fownes Bros. Co., Gloves.
 Cluett, Peabody & Co., Collars and Shirts.
 Stone & Webster, Electrical Engineers.
 Wm. Roman, Barber.
 A. H. Matz & Co., Tailors.
 Tech Bowling Alleys, Bowling.
 American Fountain Pen Co., Moore's Fountain Pen.
 Coes & Young, Shoes.
 Morse & Henderson, Tailors.
 Chas. Smith, Locksmith and Electrician.
 Bent & Bush, Tech Emblems.
 Red Glove Shop, Men's Gloves.
 A. Stowell & Co., Jewellers.
 E. W. Burt & Co., Shoes.
 T. Metcalf Co., Druggists.
 N. Fishelson, Florist.
 A. D. MacLachlin, Student Supplies.
 Hotel Brunswick.
 George Frost Co., Boston Garter.
 A. Shuman & Co., Men's Outfitters.
 Chamberlain, Hats.
 A. W. Faber Co., Pencils.

MAKER TO WEARER
THE SPHINX
\$200 HAT
 412 WASHINGTON ST. BOSTON
 FALL STYLES

THE STUDENT'S DRUG STORE
 UNDER COPLEY SQUARE HOTEL

We make a special effort to merit the patronage of our student friends
 Don't forget the address, under Copley Sq. Hotel

Exclusive Styles in
Hats and Furs

at

A. N. COOK & CO.
 161 Tremont St.

The readers of THE TECH will find it to their advantage to patronize our advertisers.



THE RESULT OF NOT USING MOORE'S

STOP SOILING YOUR CLOTHES
WITH SLOPPY OLD FASHIONED PENS!
TRY A MOORE'S NON-LEAKABLE
THE PERFECT PEN FOR PARTICULAR PEOPLE

Can be carried horizontally in lower vest pocket or ladies' shopping bag with absolute safety.
 When not in use pen point rests in ink, hence will write instantly without shaking.
 The Moore Non-Leakable is years ahead in novel construction, excellence of material and workmanship. Not a cheap experiment, but the best pen for men and women now on the market. Uses all kinds of ink. Returnable if not satisfactory.
 Send for illustrated catalog, price list and testimonials of enthusiastic users.

AMERICAN FOUNTAIN PEN CO., 168 Devonshire St., Boston, Mass.

NOTICES

CIVIL ENGINEERS—A buzz wagon for courses I and XI will start from Rogers steps for the Field today at 1:30 P. M. All seniors and juniors invited. See E. Stuart 1910.

COURSES III, V, X—Men wishing to ride in the buzz wagon this afternoon meet on Rogers steps at 1:30 P. M. Tickets 75 cents.

THEATRE TICKETS—Any men who have not already exchanged theatre tickets can do so in the Colonial theatre lobby before 8 P. M. A member of the sophomore theatre committee will be there for this purpose.

The last of the five elective fall excursions given by Prof. Shimer will be to the Museum of Comparative Zoology, Harvard University, on Saturday afternoon, Nov. 7. Those wishing to take the trip will meet in the Geological Library, 14 Pierce, at 2 P. M. Will leave the museum at about 4:15 or 4:30. Object of the excursion:—to briefly review the entire animal kingdom from the lowest to the highest; to compare living with fossil forms; to note man's relationship to lower forms. All members of the Institute who are interested are cordially invited.

FACULTY NOTICES

PHYSICAL TRAINING—The sections for Physical Training are indicated below. Applications for excuse from the subject, or for transfer from one section to another must be made to Mr.

W. C. Towne, Instructor, before Wednesday, November 11.
 Section 1—A-E Monday and Thursday, 4:14.
 Section 2—F-L Monday and Thursday, 5:05.
 Section 3—M-R Tuesday and Friday, 4:15.
 Section 4—S-Z Tuesday and Friday, 5:05.
 Walter Humphreys, Registrar.

CLASSIFIED ADS

Advertisements under this head are inserted at the rate of five cents a line of six words, payable in advance, and copy should be handed to the business manager the morning before publication day.

SLIDE RULE—Cheap. Leave note at Cage for C. H. P.

LOST—A red barrelled fountain pen lost by Mr. Fitzwater. Finder please leave at Cage.

LOST—A good watch fob. Please return to R. F. Munoz, Cage.

LOST—An umbrella in Rogers Building about a month ago. Marked R. H. Fox on handle. Return to Fox.

Will the person who took the I. O. F. pin from a freshman on the night of sophomore dinner please return it care of The Tech, 30 Eng C.

FOUND—Pair of blue cuffs with silver buttons in drawer to waiting desk at Union. Owner please identify same at Cage.

ROOM—Exceptionally fine single room to let; \$5.50 per week. Enquire at 207 Newbury Street.

ESTABLISHED 1889

A. H. MATZ & CO.
THE TECH TAILORS

32 Huntington Avenue
 COPLEY SQUARE

TELEPHONE, 1336-3 B.B.

Tech Drug Store

Special Prices on
Chemicals Reagents and
Acids

Tech Cologne 50c.
 Tech Note paper 25c. pkg.
 Tech Cigarettes

M. I. T. on each Cigarette

\$1.25 per 100

Tech Cigars and all the popular brands

T. METCALF CO.

COPLEY SQUARE
 39 TREMONT STREET

T. J. SOUTHWELL

Stationer and Newsdealer

Circulating Library Laundry Agency
 Ladies' and Gentlemen's Furnishings

66 HUNTINGTON AVENUE, BOSTON
 Near cor. of Irvington Street

HERRICK TICKETS
 ALL THEATRES

COPLEY SQUARE

Telephones 2329, 2330 and 2331 Back Bay

All Goods Required by
Students at

MacLachlan's

502 Boylston St.

Drawing Instruments and Materials, etc.
 Fountain Pens, Text-books

Ready to Wear

OVERCOATS

\$15 to \$40

RAIN COATS

\$13 to \$30

SACK SUITS

\$20 to \$40

Fine Furnishing Goods

SHIRTS, NECKWEAR,
 COLLARS, Etc.

FOR nearly sixty years we have made and sold clothing in Boston, and during the entire period our aim has been Quality—to furnish the best clothing that can be made, the best in quality of materials used and in workmanship, style and fit.

We are working on the same lines today and are making in our workshops on the premises clothing for men, young men and boys that will bear critical examination.

Macular Parker Company

400 WASHINGTON STREET

POSSIBLE WAYS OF USING CLASSIFIED ADS

TO SELL BOOKS OR TO LOCATE LOST ARTICLES

Economy is a basis principle of success. So, if you have some second hand books or drawing instruments that you have no further use for, insert a small classified advertisement in THE TECH.

But suppose that you want to find a lost article—just as simple—insert a small lost ad under the classified heading, stating exactly what you have lost. As both those who have and those who want read our classified column, you are bound to get results.

EXAMPLES

LOST—Note book with initials A. K. S. on cover. Please leave at Cage for A. K. Simmons.

1st YEAR MATH. BOOK—for sale cheap, in excellent condition. Apply to X. Z. The Tech 30c.

THE TECH CLASSIFIED AD RATES FIVE CENTS A LINE OF SIX WORDS

CHEAP ISN'T IT?